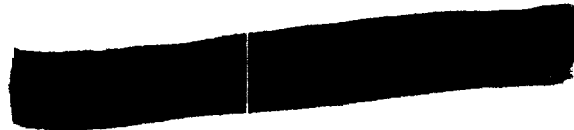


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COPY NO. 36

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

HEAT AND POWER PLANT, TETS
LENINOGORSK, USSR



HTA/M-8/58

20 JUNE 1958

DOCUMENT NO. 3
NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
CLASS. CHANGED TO: TS (S) 2012
NEXT REVIEW DATE: 2012
AUTH: HR 70-2
DATE: 07/6/82 REVIEWER: 06394

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TALENT

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HEAT AND POWER PLANT, TETS

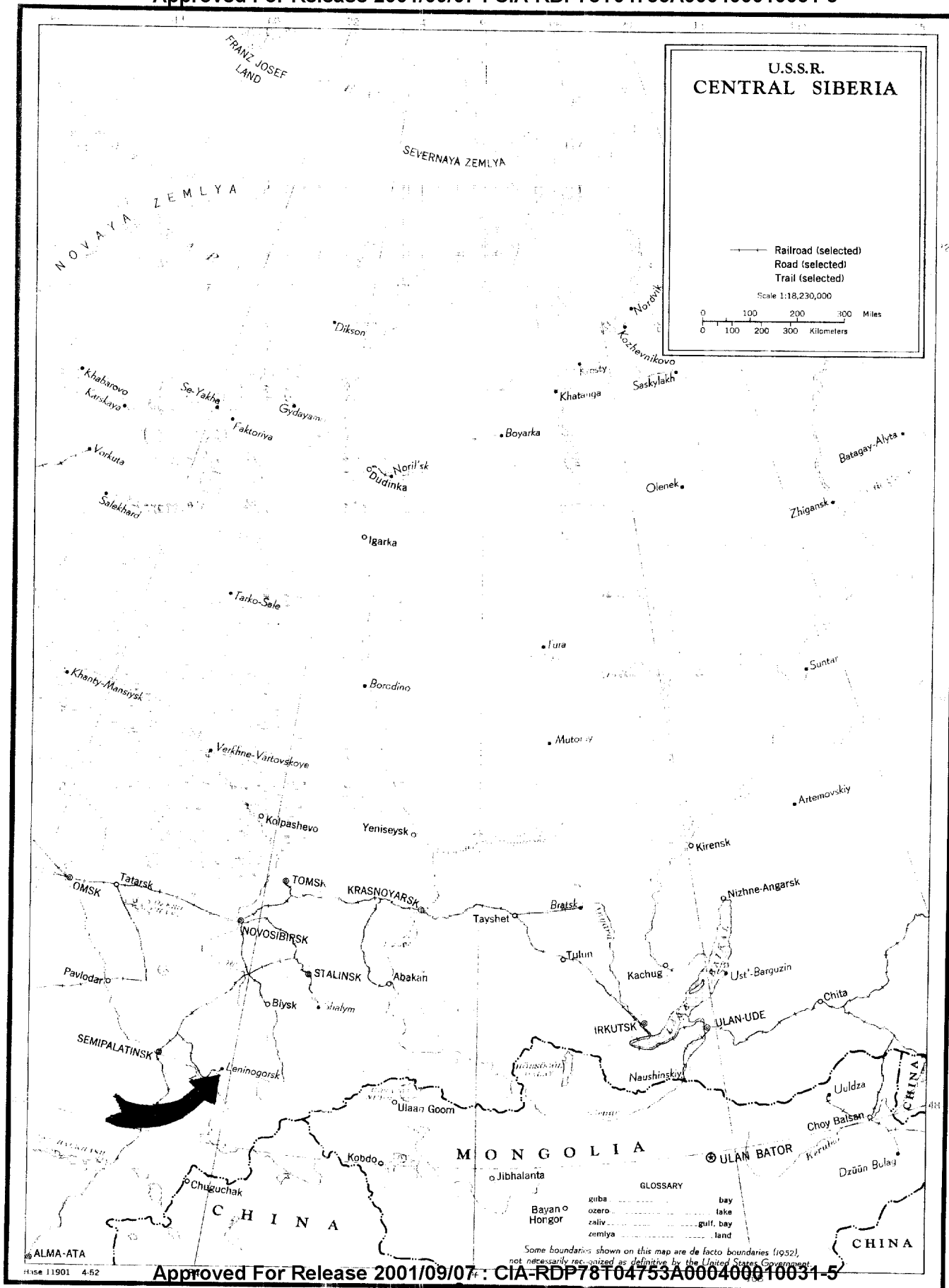
LENINOGORSK, USSR

HTA/M-8/58

20 June 1958

Approved For Release 2001/09/07 : CIA-RDP78T04753A000400010031-5

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HTA/M-8/58

HEAT AND POWER PLANT, TETS LENINOGORSK, USSR

The Leninogorsk Heat and Power Plant, TETS, is located in the western outskirts of Leninogorsk on the Tikhaya River. It is an integral part of a polymetal combine reportedly consisting of the Leninogorsk Lead Plant (see HTA/M-51/57), the Ust Kamenogorsk Zinc and Lead Plant (see HTA/M-57/57), and the Glubokoye Copper and Lead Works "Irtysk" (see HTA/B-94/57).

The plant area measures 2300 by 1100 feet and is roughly rectangular in shape. It is both road and rail served. Water is obtained from the Tikhaya River. Water cooling facilities include a large spray pond.

The transmission lines leading from this plant carry power into Leninogorsk and across country in the direction of Ust Kamenogorsk. The clearances of these lines through wooded areas vary from 125 to 200 feet.

Both the boilerhouse and generator hall are presently undergoing expansion. However, the presence of escaping steam would indicate that the plant is operational.

The plant is served by a single detached stack, 200 feet high, and from which no smoke was coming at the time of photography. In addition, there are three 10-foot-high vent-like stacks on the roof of the boilerhouse.

A detailed description of the Leninogorsk Heat and Power Plant follows, together with a photograph and annotated sketch, (figures 1 and 2). The location of the power plant in the urban complex is shown on the photo-mosaic (figure 3).

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HTA/M-8/58

KEY TO ANNOTATIONS

1. Coal storage area, contains a bridge-type crane and two coal piles, having over-all dimensions of 440 by 55 feet and 280 by 75 feet.
2. Storage and maintenance area, separately enclosed, contains a single-story, irregularly-shaped building approximately 200 by 50 feet over-all, and six smaller buildings. Total roof area, 20,700 sq. ft.
3. Reserve coal storage, 470 by 60 feet over-all.
4. Two storage buildings, 200 by 45 feet and 155 by 25 feet.
5. Excavation, 80 by 45 feet with a depth of 15 feet.
6. Storage area, contains an administration-type building, 90 by 25 feet; a storage building, 110 by 25 feet; a 45-foot-high tower, possibly a water tank; and three cylindrical POL storage tanks, each 15 feet high and 15 feet in diameter.
7. Coal unloading and processing shed, 500 by 45 feet and 25 feet high.
8. New construction, 120 by 110 feet. Expansion of the boilerhouse.
9. Boilerhouse, 160 by 115 feet and 95 feet high, has three 10-foot-high vent-type stacks on the roof and an associated, detached stack 200 feet high.
10. Generator hall, 300 by 95 feet and 70 feet high. The west side of the building is still under construction. A 50-foot-high maintenance and shop building 220 by 40 feet adjoins the boilerhouse and generator hall on their west side.

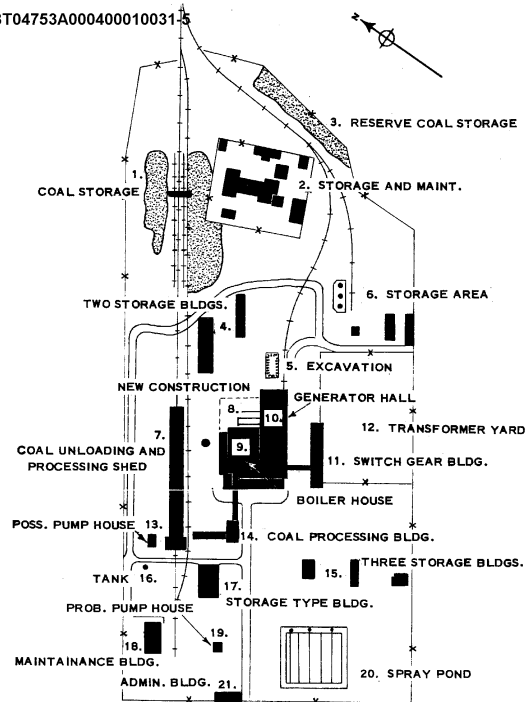
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KEY TO ANNOTATIONS (CON'T)

11. Switch gear building, 210 by 40 feet, and 55 feet high. A busbar connects with the generator hall.
12. Transformer yard, 450 by 350 feet, separately fenced.
13. Possible pump house, 45 by 20 feet, and 25 feet high.
14. Coal processing building, 70 by 50 feet, and 45 feet high.
15. Three storage buildings, 70 by 45 feet, 95 by 25 feet, 60 by 35 feet.
16. Tank, 15 feet high and 20 feet in diameter.
17. Storage-type building, 105 by 65 feet, and 25 feet high.
18. Maintenance building, 110 by 40 feet.
19. Probable pump house, 25 feet square, and 25 feet high.
20. Spray pond, 195 by 175 feet.
21. Administration building, 90 by 45 feet, multistory, gable-roofed.

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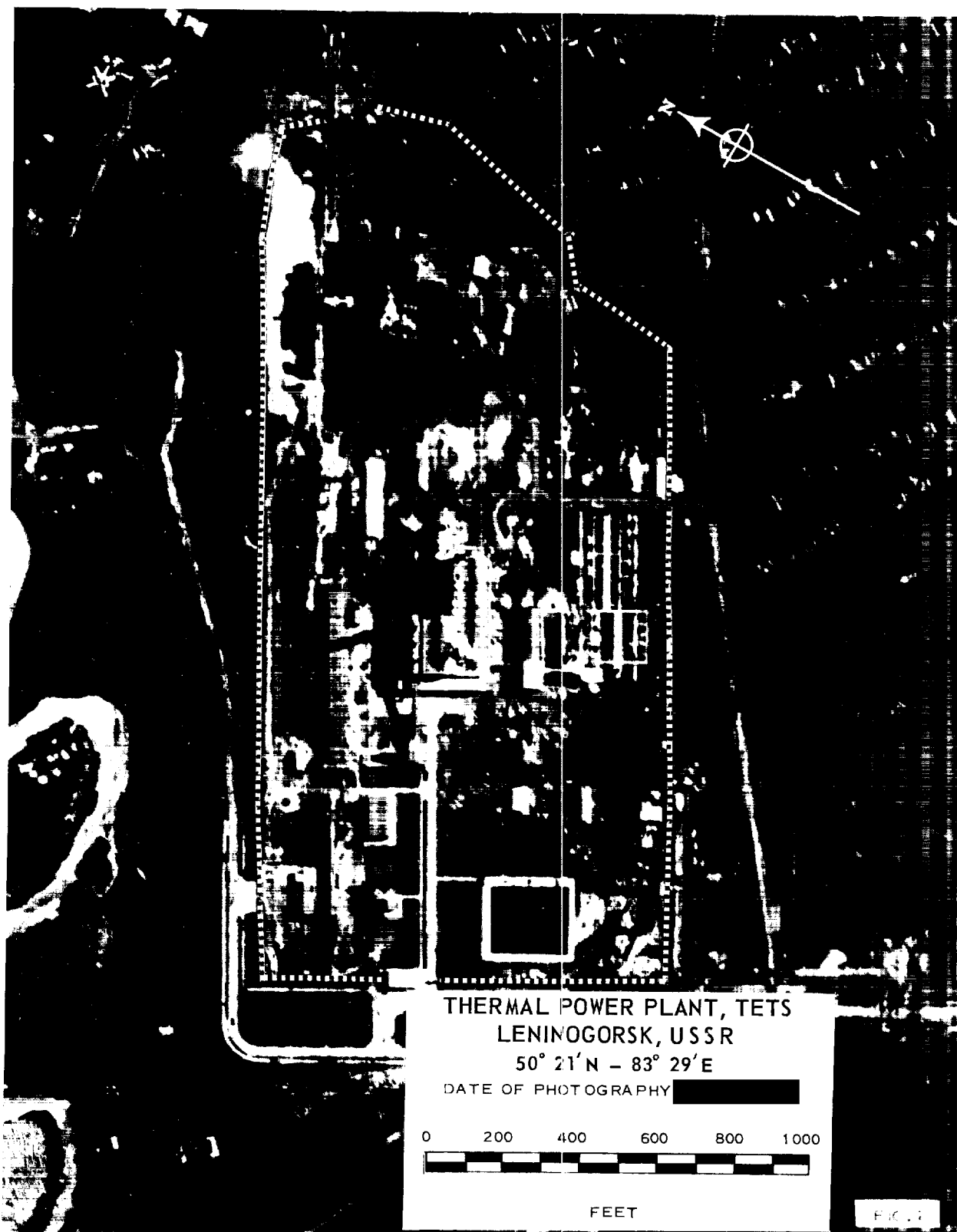
THERMAL POWER PLANT, TETS
LENINOGORSK, USSR
50° 21' N - 83° 29' E

DATE OF PHOTOGRAPHY [REDACTED]

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FEET

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25X1D

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HTA/M-8/58

Lead Plant →

← Lead and Zinc Mine

Leninogorsk

POWER PLANT →

Transmission Lines

LENINOGORSK, USSR

50° 22' N - 83° 32' E

DATE OF PHOTOGRAPHY



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FIG. 3

HTA/M-8/58

25XTD REQUIREMENT: Prepared in answer to RR/HTA/E/R35/58 requesting
a description and layout of the Leninogorsk Thermal Power Plant,
TETS

REFERENCES:

ATMP: 0239-9994-100A, 1st Ed., May 1955
0239-9994-0-25A (Prov) 1st Ed., Jul 1954

COORDINATES: 50°21' N - 83°29' E

25X1A B. E. NUMBER: [REDACTED]

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